

L Number	Hits	Search Text	DB	Time stamp
15	34508	(261/\$.ccls. and (vaporis\$ vaporiz\$3)).CCLS.	USPAT; US-PGPUB	2002/10/07 12:20
18	1761	261/\$.ccls. and (vaporis\$5 vaporiz\$5)	USPAT; US-PGPUB	2002/10/07 12:31
21	594	261/\$.ccls. and ((vaporis\$5 vaporiz\$5) same valve)	USPAT; US-PGPUB	2002/10/07 12:42
24	420	261/38-74.ccls. and (vaporis\$5 vaporiz\$5)	USPAT; US-PGPUB	2002/10/07 13:53
27	983	137/\$.ccls. and (vaporis\$5 vaporiz\$5)	USPAT; US-PGPUB	2002/10/07 13:54
30	520	137/\$.ccls. and ((vaporis\$5 vaporiz\$5) same valve)	USPAT; US-PGPUB	2002/10/07 14:13
33	835	(392/386,388,394,399,402).CCLS.	USPAT; US-PGPUB	2002/10/07 14:14
-	997	((118/726).CCLS.	USPAT; US-PGPUB	2002/03/25 09:49
-	98	((118/726).CCLS.) and vaporizer	USPAT; US-PGPUB	2002/03/25 09:49
-	0	6224681.URPN.	USPAT	2002/03/21 15:11
-	9	("3930908" "4232063" "4579080" "4668365" "4761269" "5000113" "5035200" "5203925" "5204314").PN.	USPAT	2002/03/21 15:11
-	94	((118/726).CCLS.) and vaporizer and heat\$3	USPAT; US-PGPUB	2002/03/21 15:22
-	76	((118/726).CCLS.) and (vaporizer same heat\$3)	USPAT; US-PGPUB	2002/03/21 15:26
-	61	((118/726).CCLS.) and vaporizer and "carrier gas"	USPAT; US-PGPUB	2002/03/21 16:41
-	8	(("6296711") or ("6280793") or ("6224681") or ("6210485") or ("5776254") or ("6074487") or ("5372754") or ("5419924")).PN.	USPAT; US-PGPUB	2002/03/21 16:59
-	41	vaporizer same (actuator with valve)	USPAT; US-PGPUB	2002/03/21 18:08
-	118	semiconductor and (vaporizer same ((control degree actuator) with valve))	USPAT; US-PGPUB	2002/03/21 17:12
-	122	semiconductor and (vaporizer same ((control degree actuator) with (valve opening)))	USPAT; US-PGPUB	2002/03/21 18:08
-	653450	h011021\$.ipc.	JPO; DERWENT	2002/03/25 11:41
-	38234	c23c016\$.ipc.	JPO; DERWENT	2002/03/25 11:41
-	653450	h011021\$.ipc. or c23c016\$.ipc. and (semiconductor and (vaporizer same ((control degree actuator) with (valve opening))))	JPO; DERWENT	2002/03/21 18:07
-	2	(h011021\$.ipc. or c23c016\$.ipc.) and (semiconductor and (vaporizer same ((control degree actuator) with (valve opening))))	JPO; DERWENT	2002/03/21 18:09
-	1	(h011021\$.ipc. or c23c016\$.ipc.) and (vaporizer same (actuator with valve))	JPO; DERWENT	2002/03/21 18:16
-	1	"11256410"	JPO	2002/03/21 18:20
-	29564	kojima	JPO	2002/03/21 18:17
-	28644	kojima.in.	JPO	2002/03/21 18:17
-	1113	kojima and hiroyuki	JPO	2002/03/21 18:17
-	1	kojima and hiroyuki and hirofumi	JPO	2002/03/21 18:17
-	997	((118/726).CCLS.	USPAT; US-PGPUB	2002/03/22 14:14
-	0	((118/726).CCLS.) and (liquid with (gas vapor) with (exit oulet) with direction)	USPAT; US-PGPUB	2002/03/22 14:17
-	18	((118/726).CCLS.) and ("carrier gas" with direction)	USPAT; US-PGPUB	2002/03/22 14:18
-	5	((118/726).CCLS.) and ((vapor gas)with exit with direction)	USPAT; US-PGPUB	2002/03/22 14:19
-	2	((118/726).CCLS.) and ("carrier gas" with direction with oppos\$3)	USPAT; US-PGPUB	2002/03/22 14:40

-	54	((118/726).CCLS.) and ("carrier gas" with (exit outlet))	USPAT; US-PGPUB	2002/03/22 14:42
-	11	((118/726).CCLS.) and ("carrier gas" with (exit outlet)) same vaporizer)	USPAT; US-PGPUB	2002/03/22 14:53
-	19012	"carrier gas"	USPAT; US-PGPUB	2002/03/22 14:53
-	341	"carrier gas" same vaporizer same liquid	USPAT; US-PGPUB	2002/03/22 15:50
-	3	"carrier gas" same vaporizer same liquid same (opposite opposing)	USPAT; US-PGPUB	2002/03/22 14:56
-	17	(direction with "carrier gas") same vaporizer same liquid	USPAT; US-PGPUB	2002/03/22 14:57
-	653450	h011021\$.ipc.	JPO; DERWENT	2002/03/22 15:24
-	38234	c23c016\$.ipc.	JPO; DERWENT	2002/03/22 15:24
-	0	(h011021\$.ipc. and c23c016\$.ipc.) and ("carrier gas" with direction) same vaporizer)	JPO; DERWENT	2002/03/22 17:32
-	32	(h011021\$.ipc. and c23c016\$.ipc.) and ("carrier gas") same vaporizer)	JPO; DERWENT	2002/03/22 17:32
-	707	"carrier gas" with direction	USPAT; US-PGPUB	2002/03/22 16:53
-	1	("5372754").PN.	USPAT; US-PGPUB	2002/03/22 16:53
-	22	5372754.URPN.	USPAT	2002/03/22 16:53
-	10	("4220460" "4276243" "4436674" "4861524" "5372754" "5733375" "5938985" "6179277" "6244575" "6277201").PN.	USPAT	2002/03/22 16:53
-	2	(h011021\$.ipc. c23c016\$.ipc.) and ("carrier gas" with direction) same vaporizer)	JPO; DERWENT	2002/03/22 17:32
-	78	(h011021\$.ipc. c23c016\$.ipc.) and ("carrier gas") same vaporizer)	JPO; DERWENT	2002/03/22 17:48
-	1	("5272880").PN.	USPAT; US-PGPUB	2002/03/22 17:48
-	98	((118/726).CCLS.) and vaporizer	USPAT; US-PGPUB	2002/03/25 11:29
-	9	((118/726).CCLS.) and vaporizer) and conical	USPAT; US-PGPUB	2002/03/25 09:51
-	4	118/726.ccls. and (conical same vaporizer)	USPAT; US-PGPUB	2002/03/25 11:29
-	9	conical same vaporizer same (actuator valve)	USPAT; US-PGPUB	2002/03/25 09:56
-	9	conic\$3 same vaporizer same (actuator valve)	USPAT; US-PGPUB	2002/03/25 09:57
-	1524	vaporizer same (actuator valve)	USPAT; US-PGPUB	2002/03/25 09:58
-	55	vaporizer same (actuator and valve)	USPAT; US-PGPUB	2002/03/25 10:07
-	19	vaporizer same ((actuator and valve) with liquid)	USPAT; US-PGPUB	2002/03/25 10:20
-	8	vaporizer same ((actuator valve) with liquid) same conical	USPAT; US-PGPUB	2002/03/25 10:22
-	625	vaporizer same ((actuator valve) with liquid)	USPAT; US-PGPUB	2002/03/25 10:59
-	0	"08974512"	USPAT; US-PGPUB	2002/03/25 10:52
-	2	"08/974512"	USPAT; US-PGPUB	2002/03/25 10:52
-	22	vaporizer same ((actuator) with liquid)	USPAT; US-PGPUB	2002/03/25 11:00
-	98	118/726.ccls. and (conicalwith vaporizer)	USPAT; US-PGPUB	2002/03/25 11:29
-	2	118/726.ccls. and (conical with vaporizer)	USPAT; US-PGPUB	2002/03/25 11:35

-	31	conical with vaporizer	USPAT; US-PGPUB	2002/03/25 12:23
-	32	conic\$4 with vaporizer	USPAT; US-PGPUB	2002/03/25 11:41
-	653450	h011021\$.ipc.	JPO; DERWENT	2002/03/25 11:42
-	38234	c23c016\$.ipc.	JPO; DERWENT	2002/03/25 11:42
-	19	conic\$4 with vaporizer	JPO; DERWENT	2002/03/25 11:44
-	1	(conic\$4 same vaporizer) and (h011021\$.ipc. or c23c016\$.ipc.)	JPO; DERWENT	2002/03/25 11:45
-	1	(conic\$4 and vaporizer) and (h011021\$.ipc. or c23c016\$.ipc.)	JPO; DERWENT	2002/03/25 11:45
-	1	("5630878").PN.	USPAT; US-PGPUB	2002/03/25 12:23
-	0	(h011021\$.ipc. c23c016\$.ipc.) and ("carrier gas" with direction)	USPAT; US-PGPUB	2002/03/25 14:01
-	0	(h011021\$.ipc. c23c016\$.ipc.) and ("carrier gas")	USPAT; US-PGPUB	2002/03/25 14:00
-	94	(h011021\$.ipc. c23c016\$.ipc.) and ("carrier gas" with direction)	JPO; DERWENT	2002/03/25 14:02
-	2	(h011021\$.ipc. c23c016\$.ipc.) and (vaporizer same ("carrier gas" with direction))	JPO; DERWENT	2002/03/25 14:02
-	8	((261/).CCLS.) and ("carrier gas" with opposite)	USPAT; US-PGPUB	2002/03/25 14:38
-	435	(261/dig.65).CCLS.	USPAT; US-PGPUB	2002/10/03 15:32
-	45	((261/dig.65).CCLS.) and "carrier gas"	USPAT; US-PGPUB	2002/03/25 14:54
-	6	((261/dig.65).CCLS.) and ("carrier gas" with oppos\$3)	USPAT; US-PGPUB	2002/03/25 14:56
-	435	(261/dig.65).CCLS.	USPAT; US-PGPUB	2002/03/25 15:13
-	45	((261/dig.65).CCLS.) and "carrier gas"	USPAT; US-PGPUB	2002/10/07 11:29
-	36	(US-5733375-\$ or US-4550706-\$ or US-4053544-\$ or US-3907500-\$ or US-6280793-\$ or US-6296711-\$ or US-6258170-\$ or US-6224681-\$ or US-6210485-\$ or US-6098964-\$ or US-6096133-\$ or US-6074487-\$ or US-6176930-\$ or US-5882416-\$ or US-5711816-\$ or US-5776254-\$ or US-5630878-\$ or US-5419924-\$ or US-5372754-\$ or US-5356451-\$ or US-5835678-\$ or US-6337276-\$ or US-5819754-\$ or US-4535728-\$ or US-4487080-\$ or US-6332601-\$).did. or (US-6195504-\$ or US-5755886-\$ or US-5440887-\$ or US-5272880-\$ or US-6349887-\$).did. or (US-20020017246-\$).did. or (JP-07278818-\$).did. or (WO-200042235-\$ or EP-498622-\$ or EP-931861-\$).did.	USPAT; US-PGPUB; JPO; DERWENT	2002/08/14 17:22
-	5	((US-5733375-\$ or US-4550706-\$ or US-4053544-\$ or US-3907500-\$ or US-6280793-\$ or US-6296711-\$ or US-6258170-\$ or US-6224681-\$ or US-6210485-\$ or US-6098964-\$ or US-6096133-\$ or US-6074487-\$ or US-6176930-\$ or US-5882416-\$ or US-5711816-\$ or US-5776254-\$ or US-5630878-\$ or US-5419924-\$ or US-5372754-\$ or US-5356451-\$ or US-5835678-\$ or US-6337276-\$ or US-5819754-\$ or US-4535728-\$ or US-4487080-\$ or US-6332601-\$).did. or (US-6195504-\$ or US-5755886-\$ or US-5440887-\$ or US-5272880-\$ or US-6349887-\$).did. or (US-20020017246-\$).did. or (JP-07278818-\$).did. or (WO-200042235-\$ or EP-498622-\$ or EP-931861-\$).did.) and conic\$4	USPAT; US-PGPUB; JPO; DERWENT	2002/08/14 17:22

-	36	(US-6224681-\$ or US-6210485-\$ or US-6176930-\$ or US-6098964-\$ or US-6096133-\$ or US-6074487-\$ or US-5882416-\$ or US-5835678-\$ or US-5776254-\$ or US-5711816-\$ or US-5630878-\$ or US-5419924-\$ or US-5372754-\$ or US-5356451-\$ or US-6337276-\$ or US-5819754-\$ or US-4535728-\$ or US-4487080-\$ or US-6332601-\$ or US-5440887-\$ or US-6195504-\$ or US-5755886-\$ or US-5272880-\$ or US-6349887-\$ or US-5733375-\$ or US-3907500-\$).did. or (US-4550706-\$ or US-4053544-\$ or US-6296711-\$ or US-6280793-\$ or US-6258170-\$).did. or (US-20020017246-\$).did. or (JP-07278818-\$).did. or (EP-498622-\$ or EP-931861-\$ or WO-200042235-\$).did.	USPAT; US-PGPUB; JPO; DERWENT	2002/10/03 12:57
-	0	((US-6224681-\$ or US-6210485-\$ or US-6176930-\$ or US-6098964-\$ or US-6096133-\$ or US-6074487-\$ or US-5882416-\$ or US-5835678-\$ or US-5776254-\$ or US-5711816-\$ or US-5630878-\$ or US-5419924-\$ or US-5372754-\$ or US-5356451-\$ or US-6337276-\$ or US-5819754-\$ or US-4535728-\$ or US-4487080-\$ or US-6332601-\$ or US-5440887-\$ or US-6195504-\$ or US-5755886-\$ or US-5272880-\$ or US-6349887-\$ or US-5733375-\$ or US-3907500-\$).did. or (US-4550706-\$ or US-4053544-\$ or US-6296711-\$ or US-6280793-\$ or US-6258170-\$).did. or (US-20020017246-\$).did. or (JP-07278818-\$).did. or (EP-498622-\$ or EP-931861-\$ or WO-200042235-\$).did.) and bellow	USPAT; US-PGPUB; JPO; DERWENT	2002/10/03 12:59
-	5	((US-6224681-\$ or US-6210485-\$ or US-6176930-\$ or US-6098964-\$ or US-6096133-\$ or US-6074487-\$ or US-5882416-\$ or US-5835678-\$ or US-5776254-\$ or US-5711816-\$ or US-5630878-\$ or US-5419924-\$ or US-5372754-\$ or US-5356451-\$ or US-6337276-\$ or US-5819754-\$ or US-4535728-\$ or US-4487080-\$ or US-6332601-\$ or US-5440887-\$ or US-6195504-\$ or US-5755886-\$ or US-5272880-\$ or US-6349887-\$ or US-5733375-\$ or US-3907500-\$).did. or (US-4550706-\$ or US-4053544-\$ or US-6296711-\$ or US-6280793-\$ or US-6258170-\$).did. or (US-20020017246-\$).did. or (JP-07278818-\$).did. or (EP-498622-\$ or EP-931861-\$ or WO-200042235-\$).did.) and bellows	USPAT; US-PGPUB; JPO; DERWENT	2002/10/03 13:02
-	5	diaphragm same bellows same (vaporis\$4 or vaporiz\$4)	EPO; JPO; DERWENT	2002/10/03 13:48
-	5	diaphragm same bellows same (vaporis\$4 or vaporiz\$4)	EPO; JPO; DERWENT	2002/10/03 13:47
-	19	diaphragm same bellows same (vaporis\$4 or vaporiz\$4)	USPAT; US-PGPUB	2002/10/03 13:28
-	3	4357285.URPN.	USPAT	2002/10/03 13:42
-	7	("2163522" "4091782" "4112889" "4114566" "4178897" "4216751" "4248197").PN.	USPAT	2002/10/03 13:43
-	284	(diaphragm bellows) same (vaporis\$4 or vaporiz\$4)	EPO; JPO; DERWENT	2002/10/03 13:49
-	159	(diaphragm bellows) with (vaporis\$4 or vaporiz\$4)	EPO; JPO; DERWENT	2002/10/03 13:49
-	729	(261/62,66).CCLS.	USPAT; US-PGPUB	2002/10/03 15:31
-	0	("(63 50) and (bellows same diaphragm)").PN.	USPAT; US-PGPUB	2002/10/03 14:01
-	1	((261/dig.65).CCLS.) ((261/62,66).CCLS.) and (bellows same diaphragm)	USPAT; US-PGPUB	2002/10/03 14:01
-	1	((261/dig.65).CCLS.) ((261/62,66).CCLS.) and (bellows and diaphragm)	USPAT; US-PGPUB	2002/10/03 14:02
-	16	((261/dig.65).CCLS.) ((261/62,66).CCLS.) and (bellows)	USPAT; US-PGPUB	2002/10/03 14:02
-	442	(261/dig.65).CCLS.	USPAT; US-PGPUB	2002/10/07 12:16
-	18	5419924.URPN.	USPAT	2002/10/03 15:14

-	2	6082398.URPN.	USPAT	2002/10/03 15:18
-	16	("2169043" "3038449" "3104823" "3181797" "3792719" "3830256" "3905394" "3941144" "4030523" "4192346" "4644967" "4706492" "4977929" "5275201" "5333643" "5419924").PN.	USPAT	2002/10/03 15:18
-	2	6082398.URPN.	USPAT	2002/10/03 15:21
-	442	(261/dig.65).CCLS.	USPAT; US-PGPUB	2002/10/03 15:32
-	0	("874 not 877").PN.	USPAT; US-PGPUB	2002/10/03 15:32
-	717	((261/62,66).CCLS.) not ((261/dig.65).CCLS.)	USPAT; US-PGPUB	2002/10/03 15:33
-	4	(((261/62,66).CCLS.) not ((261/dig.65).CCLS.)) and bellows	USPAT; US-PGPUB	2002/10/03 15:34
-	3033	diaphragm with bellows	USPAT; US-PGPUB	2002/10/03 15:34
-	292	diaphragm with bellows with actuat\$3	USPAT; US-PGPUB	2002/10/03 15:55
-	663	diaphragm with bellows with (valve)	USPAT; US-PGPUB	2002/10/03 15:56
-	91	diaphragm with bellows with (valve with body)	USPAT; US-PGPUB	2002/10/03 16:21
-	52	diaphragm with bellows with ("valve body")	USPAT; US-PGPUB	2002/10/03 16:22
-	4	4146986.URPN.	USPAT	2002/10/03 16:01
-	7	("3696618" "3826089" "3906723" "3927524" "3945205" "3974651" "4047510").PN.	USPAT	2002/10/03 16:02
-	13	5152500.URPN.	USPAT	2002/10/03 16:06
-	9	("2645238" "2729222" "2988322" "3073566" "3134570" "4014514" "4653526" "4819691" "4836236").PN.	USPAT	2002/10/03 16:07
-	20	4014514.URPN.	USPAT	2002/10/03 16:08
-	1	diaphragm with bellows with (valve) with (vaporis\$4 vaporiz\$4)	USPAT; US-PGPUB	2002/10/03 16:22
-	10	diaphragm same bellows same (valve) same (vaporis\$4 vaporiz\$4)	USPAT; US-PGPUB	2002/10/04 15:53
-	0	5247959.URPN.	USPAT	2002/10/03 16:26
-	9	diaphragm with bellows with ("valve body")	EPO; JPO; DERWENT	2002/10/03 16:29
-	203	diaphragm with bellows with ("valve")	EPO; JPO; DERWENT	2002/10/03 16:29
-	1	diaphragm with bellows with (vaporis\$4 vaporiz\$4)	EPO; JPO; DERWENT	2002/10/03 16:29
-	5	diaphragm same bellows same (vaporis\$4 vaporiz\$4)	EPO; JPO; DERWENT	2002/10/03 16:29
-	36	diaphragm same bellows same ("valve body")	EPO; JPO; DERWENT	2002/10/03 16:31
-	729	(261/62,66).CCLS.	USPAT; US-PGPUB	2002/10/03 17:23
-	250	251/\$.ccls. and (diaphragm with bellows)	USPAT; US-PGPUB	2002/10/04 11:20
-	404	137/\$.ccls. and (diaphragm with bellows)	USPAT; US-PGPUB	2002/10/04 11:20
-	203	251/\$.ccls. and ((diaphragm with bellows) same valve)	USPAT; US-PGPUB	2002/10/04 11:23
-	272	137/\$.ccls. and ((diaphragm with bellows) same valve)	USPAT; US-PGPUB	2002/10/04 11:24
-	1	("6394417").PN.	USPAT; US-PGPUB	2002/10/04 11:22
-	1	("4014514").PN.	USPAT; US-PGPUB	2002/10/04 11:22
-	1	(137/\$.ccls. and ((diaphragm with bellows) same (valve vaporis\$4 vaporiz\$4))) not (137/\$.ccls. and ((diaphragm with bellows) same valve))	USPAT; US-PGPUB	2002/10/04 11:24
-	203	251/\$.ccls. and ((diaphragm with bellows) same (valve vaporis\$4 vaporiz\$4))	USPAT; US-PGPUB	2002/10/04 11:25

-	6	4258899.URPN.	USPAT	2002/10/04 11:37
-	273	137/\$.ccls. and ((diaphragm with bellows) same (valve vaporis\$4 vaporiz\$4))	USPAT; US-PGPUB	2002/10/04 14:57
-	301	diaphragm and bellows and (valve)and (vaporis\$4 vaporiz\$4)	USPAT; US-PGPUB	2002/10/04 15:54
-	9737	(valve)same (vaporis\$4 vaporiz\$4)	USPAT; US-PGPUB	2002/10/04 15:54
-	4734	(valve) with (vaporis\$4 vaporiz\$4)	USPAT; US-PGPUB	2002/10/04 15:54
-	176	(diaphragm same bellows) and (valve)and (vaporis\$4 vaporiz\$4)	USPAT; US-PGPUB	2002/10/04 15:57
-	97	(diaphragm same bellows) and ((valve)same (vaporis\$4 vaporiz\$4))	USPAT; US-PGPUB	2002/10/04 15:58
-	1165	(118/719).CCLS.	USPAT; US-PGPUB	2002/10/04 16:24
-	0	09/655304	USPAT; US-PGPUB	2002/10/04 16:24
-	0	09/655,304	USPAT; US-PGPUB	2002/10/04 16:26
-	2	"11251445"	EPO; JPO; DERWENT	2002/10/04 16:27
-	0	"11-251445"	EPO; JPO; DERWENT	2002/10/04 16:27